

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	S01-264/US
First Named Inventor	Salih B. Gokturk
COMPLETE IF KNOWN	
Application Number	10/676,839
Filing Date	09/30/2003
Art Unit	Not yet assigned 3736
Examiner Name	Not yet assigned

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Three-Dimensional Pattern Recognition Method to Detect Shapes in Medical Images

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

09/30/2003

as United States Application Number or PCT International

Application Number

Not yet assigned

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



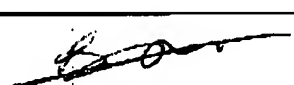
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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number: 30869		OR <input type="checkbox"/> Correspondence address below	
Name Luinen Intellectual Property Services			
Address 2345 Yale, 2nd Floor			
City Palo Alto		State CA	ZIP 94306
Country US	Telephone 650-424-0100	Fax 650-424-0141	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Salih B.		Family Name or Surname Gokturk	
Inventor's Signature 		Date 02/10/2004	
Residence: City Mountain View	State CA	Country US	Citizenship Turkey
Mailing Address 950 High School Way #3132			
City Mountain View	State CA	ZIP 94041	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Carlo		Family Name or Surname Tomasl	
Inventor's Signature		Date	
Residence: City Palo Alto	State CA	Country US	Citizenship US
Mailing Address 936 Dennis Drive			
City Palo Alto	State CA	ZIP 94303	Country US
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number: <span style="border: 1px solid black; padding: 2px 20px;">30869</span> <b>OR</b> <input type="checkbox"/> Correspondence address below	
<b>Name</b> Lumen Intellectual Property Services	
<b>Address</b> 2345 Yale, 2nd Floor	
<b>City</b> Palo Alto	<b>State</b> CA
<b>ZIP</b> 94306	
<b>Country</b> US	<b>Telephone</b> 650-424-0100
<b>Fax</b> 650-424-0141	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.	
<b>NAME OF SOLE OR FIRST INVENTOR:</b>	<input type="checkbox"/> A petition has been filed for this unsigned inventor
<b>Given Name</b> (first and middle [if any]) Salih B.	<b>Family Name</b> or Surname Gokturk
<b>Inventor's Signature</b>	<b>Date</b>
<b>Residence: City</b> Mountain View	<b>State</b> CA
<b>Country</b> US	<b>Citizenship</b> Turkey
<b>Mailing Address</b> 541 Del Medio Avenue, #116	
<b>City</b> Mountain View	<b>State</b> CA
<b>ZIP</b> 94040	<b>Country</b> US
<b>NAME OF SECOND INVENTOR:</b>	<input type="checkbox"/> A petition has been filed for this unsigned inventor
<b>Given Name</b> (first and middle [if any]) Carlo	<b>Family Name</b> or Surname Tomasi
<b>Inventor's Signature</b> <i>Carlo Tomasi</i>	<b>Date</b> 3/25/2004
<b>Residence: City</b> Palo Alto	<b>State</b> CA
<b>Country</b> US	<b>Citizenship</b> US
<b>Mailing Address</b> 936 Dennis Drive	
<b>City</b> Palo Alto	<b>State</b> CA
<b>ZIP</b> 94303	<b>Country</b> US
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.	

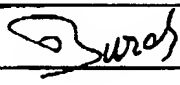
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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
Page <u>1</u> of <u>2</u>	


Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Acar		Burak	
Inventor's Signature 		Date 10.16.2003	
Bebek Residence: City	Istanbul State	Turkey Country	Turkey Citizenship
Bogazici University Electrical-Electronics Eng. Dept. Mailing Address			
Mailing Address			
Bebek City	Istanbul State	34342 Zip	Turkey Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Christopher F.		Beaulieu	
Inventor's Signature		Date	
Los Alos Residence: City	CA State	US Country	US Citizenship
788 La Prenda Road Mailing Address			
Mailing Address			
Los Alos City	CA State	94024 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Sandy A.		Napoli	
Inventor's Signature		Date	
Menlo Park Residence: City	CA State	US Country	US Citizenship
445 Blake Street Mailing Address			
Mailing Address			
Menlo Park City	CA State	94025 Zip	US Country

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet

Page 1 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Acar		Burak	
Inventor's Signature		Date	
Bebek Residence: City	Istanbul State	Turkey Country	Turkey Citizenship
Bogazici University Electrical-Electronics Eng. Dept. Mailing Address			
Mailing Address			
Bebek City	Istanbul State	3342 Zip	Turkey Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Christopher F.		Beaulieu	
Inventor's Signature 		Date 5/4/04	
Los Altos Residence: City	CA State	US Country	US Citizenship
766 La Prenda Road Mailing Address			
Mailing Address			
Los Altos City	CA State	94024 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Sandy A.		Napel	
Inventor's Signature		Date	
Menlo Park Residence: City	CA State	US Country	US Citizenship
445 Blake Street Mailing Address			
Mailing Address			
Menlo Park City	CA State	94025 Zip	US Country

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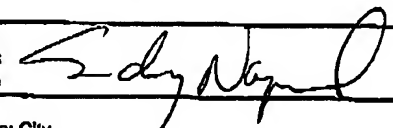
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Given Name (first and middle (if any))		Family Name or Surname	
Acar		Burak	
Inventor's Signature		Date	
Bebek Residence: City		Istanbul State	Turkey Country
Bogazici University Electrical-Electronics Eng. Dept. Mailing Address			
Mailing Address			
Bebek City		Istanbul State	3342 Zip
		Turkey Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Christopher F.		Beauvais	
Inventor's Signature		Date	
Los Altos Residence: City		CA State	US Country
785 La Prada Road Mailing Address			
Mailing Address			
Los Altos City		CA State	94024 Zip
		US Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Bandy A.		Napel	
Inventor's Signature 		Date 3-23-04	
Menlo Park Residence: City		CA State	US Country
445 Blake Street Mailing Address			
Mailing Address			
Menlo Park City		CA State	94025 Zip
		US Country	

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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
David S.		Palk	
Inventor's Signature <i>David Palk</i>		Date 3/23/04	
Palo Alto Residence: City	CA State	US Country	US Citizenship
3820 Park Blvd., #15 Mailing Address			
Mailing Address			
Palo Alto City	CA State	94306 Zip	US Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Inventor's Signature		Date	
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Mailing Address			
Mailing Address			
City	State	Zip	Country

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## POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in the attached application for Letters Patent for the invention entitled:

### Three-Dimensional Pattern Recognition Method to Detect Shapes in Medical Images

by virtue of Assignment recorded concurrently herewith hereby appoints Marek Alboszta, Reg. No. 39,894, Ron Jacobs, Reg. No. 50,142, Katharina Wang Schuster, Reg. No. 50,000, Thomas J. McFarlane, Reg. No. 39,299, Bertram Rowland, Reg. No. 20,015, Tianhua Gu, Reg. No. 52,480 as its agents to prosecute the attached application and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.

Please direct all communication relative to said application to the following correspondence address:

**Ron Jacobs, Ph.D.**  
Lumen  
2345 Yale Street, Suite 200  
Palo Alto, CA 94306  
tel: (650) 424-0100  
fax: (650) 424-0141

I am duly authorized to sign this instrument on behalf of assignee corporation. I hereby declare that, to the best of my knowledge and belief, title is in the assignee herein, and I affirm review of the Assignment document concurrently submitted and believe that the attached application has been assigned to assignee herein and that assignee therefore has the right to make this Power of Attorney and Exclusion of Inventor(s).

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNEE: THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY

Stanford University  
Office of Technology Licensing  
900 Welch Road, Suite 350  
Palo Alto, CA 94304

Official Authorized to Act on Behalf of Assignee:

Signature: *Katharina Wang Schuster*  
Name: KATHARINA WANG SCHUSTER  
Title: Deputy, OTC

10-20-03  
Date